

**ABSTRACT OF THE DISCLOSURE**

A payload data connection arrangement within a core network in a cellular mobile communication network reduces the number of transcodings and reduces the number of transmission devices that are linked in by a more flexible handling of interworking functions. This is achieved by comparing possible payload connections between a core network and access networks for both legs of a call. Based on the result of the comparison, only those devices are linked in that are technically necessary. Methods and devices that are used to set-up data connections with said benefits are illustrated and described.